



TRANSMITTAL LETTER			Case No. 9281-4680
Serial No. 10/689,457	Filing Date 10/20/2003	Examiner To be assigned	Group Art Unit
Inventor(s) Toru Aoyagi			
Title of Invention HIGH-WORK-EFFICIENCY MULTILAYERED CIRCUIT BOARD			

TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is Transmittal Letter (in duplicate); Information Disclosure Statement (in duplicate); PTO Form 1449; Reference A1 and Return Postcard

Small entity status of this application under 37 CFR § 1.27 has been established by verified statement previously submitted.

Applicant claims small entity status. See 37 CFR 1.27.

Petition for a \_\_\_\_\_ month extension of time.

No additional fee is required.

The fee has been calculated as shown below:

Claims as Filed	Col. 1	Col. 2
For	No. Filed	No. Extra
Basic Fee		\$ 385
Total Claims	-20	
Indep. Claims	-3	
Multiple Dependent Claims Present		

\*If the difference in col. 1 is less than zero, enter "0" in col. 2.

Small Entity	
Rate	Fee
x\$9=	\$
x\$43=	\$
+\$145=	\$
Total	\$

Other Than Small Entity	
Rate	Fee
	\$ 770
x\$18=	\$
x\$86=	\$
+\$290=	\$
Total	\$

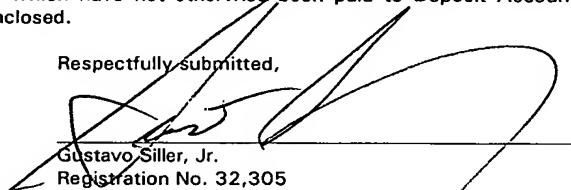
Please charge Deposit Account No. 23-1925 (BRINKS HOFER GILSON & LIONE) in the amount of \$ \_\_\_\_\_. A duplicate copy of this sheet is enclosed.

A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.

The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.

I hereby petition under 37 CFR § 1.136(a) for any extension of time required to ensure that this paper is timely filed. Please charge any associated fees which have not otherwise been paid to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.

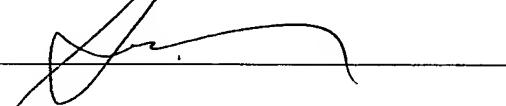
Respectfully submitted,

  
Gustavo Siller, Jr.  
Registration No. 32,305  
Attorney for Applicant  
Customer No. 00757 - Brinks Hofer Gilson Lione

BRINKS HOFER GILSON & LIONE  
P.O. BOX 10395  
CHICAGO, ILLINOIS 60610  
(312) 321-4200

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to:  
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on 1/26/04

Date: 1/26/04

Signature: 

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on 1/20/07

Date of Deposit

Gustavo Siller, Jr., Reg. No. 32,305

Name of Applicant, Assignee or Registered Representative

Signature



Our File No. 9281-4680  
Client Reference No. S US02194

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Toru Aoyagi )  
Serial No. 10/689,457 )  
Filing Date: October 20, 2003 )  
For: High-Work-Efficiency Multilayered )  
Circuit Board )

### INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

Dear Sir:

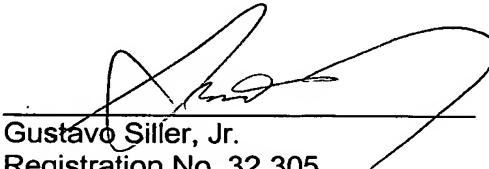
Pursuant to the obligation under 37 C.F.R. 1.56 and in conformance with 37 C.F.R. 1.97-1.99, Applicant hereby submits reference A1 listed on the attached form PTO-1449 for consideration by the Examiner. A copy of the reference is enclosed herewith.

The filing of this Information Disclosure Statement does not constitute an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. Section 1.56(b). Further, Applicant reserves the right to contest this reference as prior art against the present application, and Applicant does not believe that the disclosure of this reference, even if finally determined to be prior art, anticipates Applicant's invention or that this reference makes Applicant's invention obvious.

No fees are believed to be due in connection with filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to this material, the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925.

Applicant respectfully requests that the Examiner review the entire disclosure of this document and make it of record.

Respectfully submitted,



Gustavo Siller, Jr.  
Registration No. 32,305  
Attorney for Applicant

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<p>FORM PTO-1440 A TRADEMARK OF THE UNITED STATES PATENT AND TRADEMARK OFFICE</p> <p><b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b></p> <p>(use several sheets if necessary)</p>	SERIAL NO.	CASE NO.
	FILING DATE	9281-4680
	October 20, 2003	GROUP ART UNIT
	APPLICANT(S): Toru Aoyagi	

**REFERENCE DESIGNATION**      **U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES      NO
	A1	11-103229	04/1999	JAPAN		X

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.